

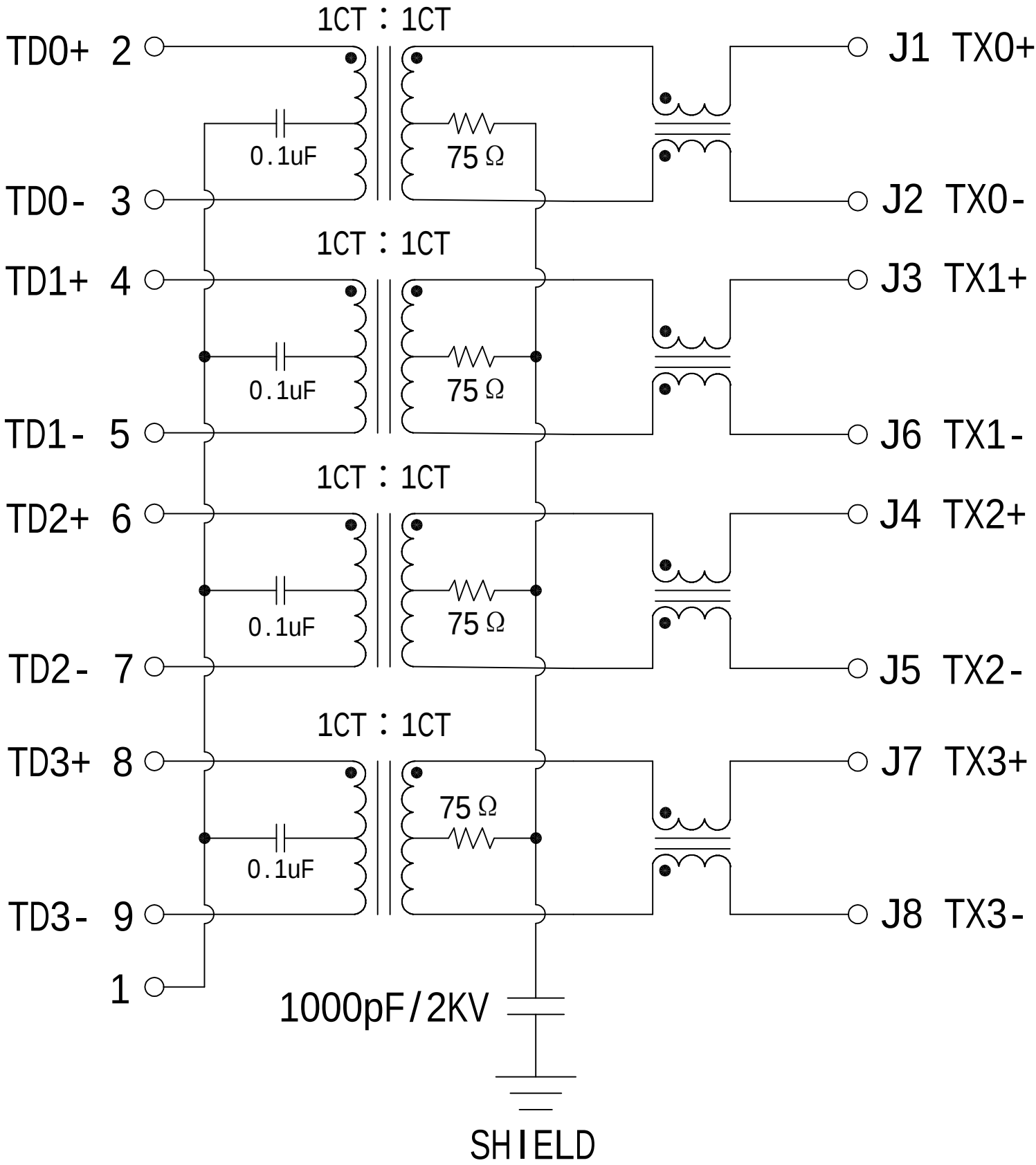
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2018-07-26	

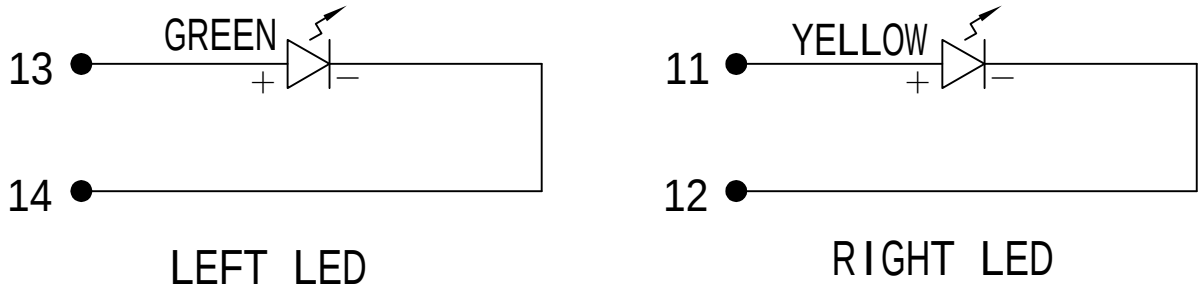
ELECTRICAL SPECIFICATIONS @25°C

- 1.Turn Ratio : 1CT:1CT±5%
- 2.OCL: 350uH Min @100KHz,0.1V,8mA DC Bias
- 3.Insertion Loss (dB Max):
1-100MHz: -1.2
- 4.Return Loss(dB Min):
1-30MHz: -16 30-60MHz: -12
60-80MHz: -10 80-100MHz: -8
- 5.Cross Talk(dB Min):
1-100MHz: -30
- 6.Common Mode Rejection(dB Min):
1-100MHz: -30
- 7.Isolation PHY SIDE To Line SIDE : 1500Vrms
- 8.Operating Temperature Range: -40°C~+85°C.

PC BOARD CONNECTIONS



RJ45 CONNECTOR

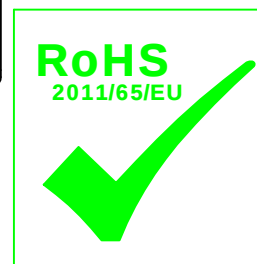
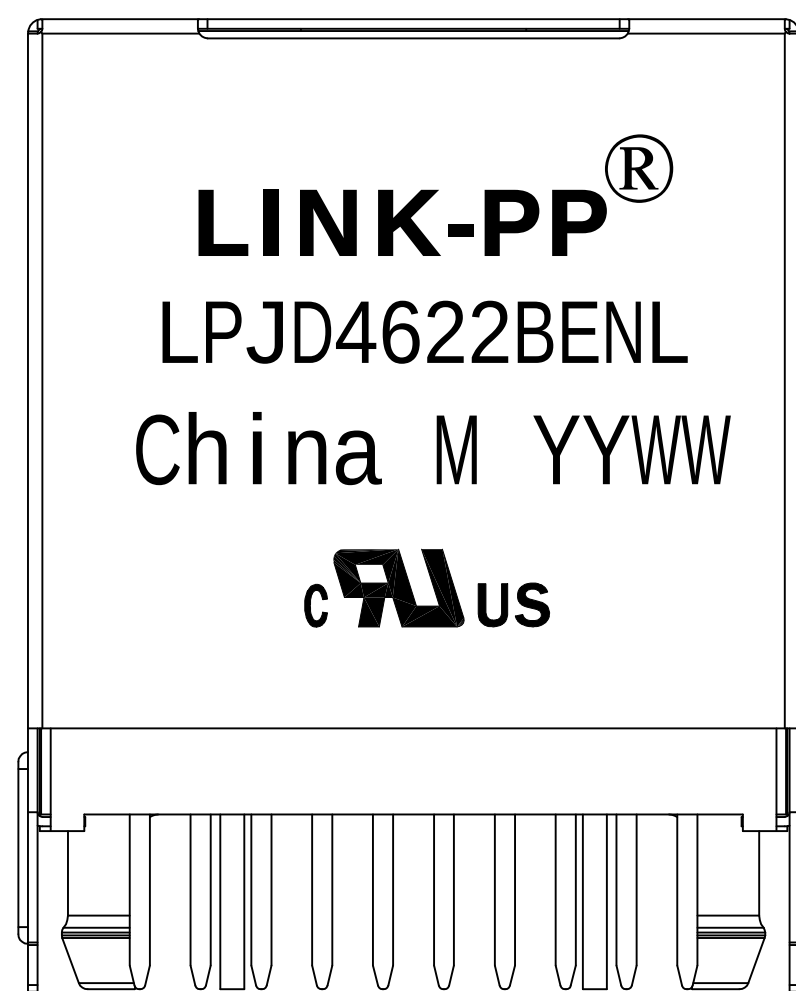
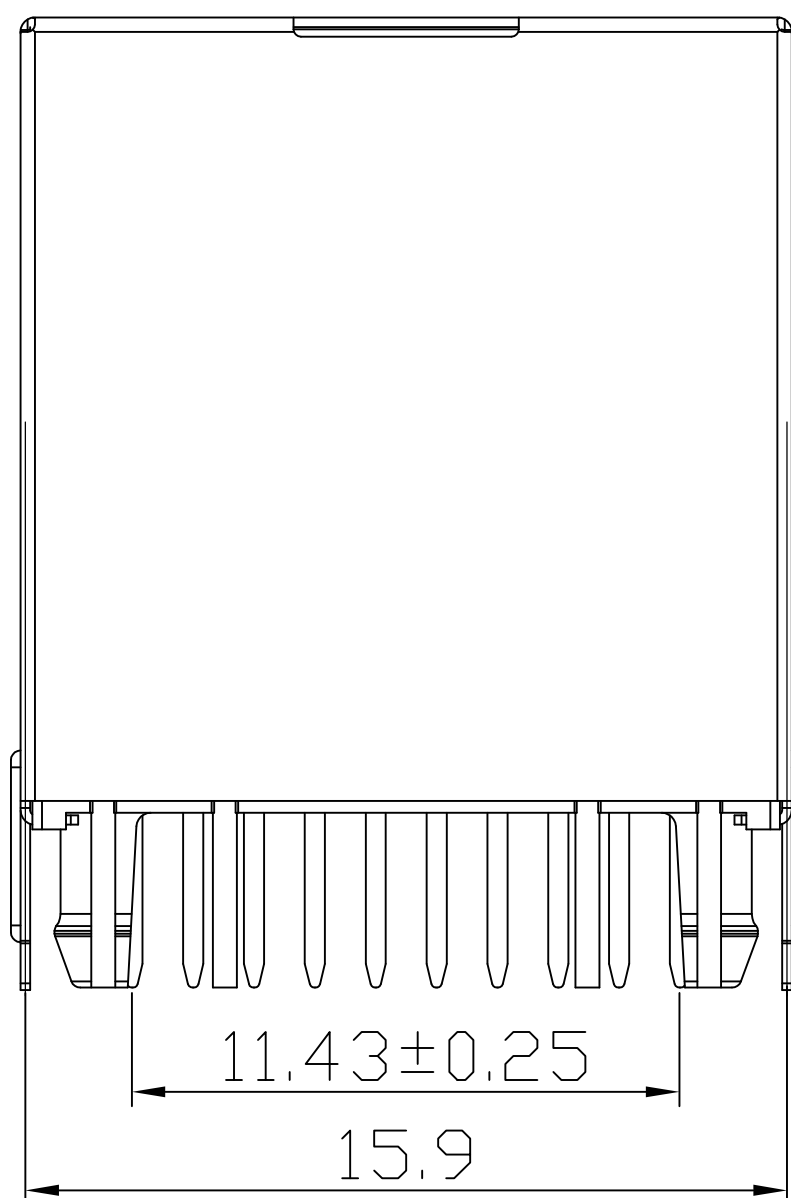
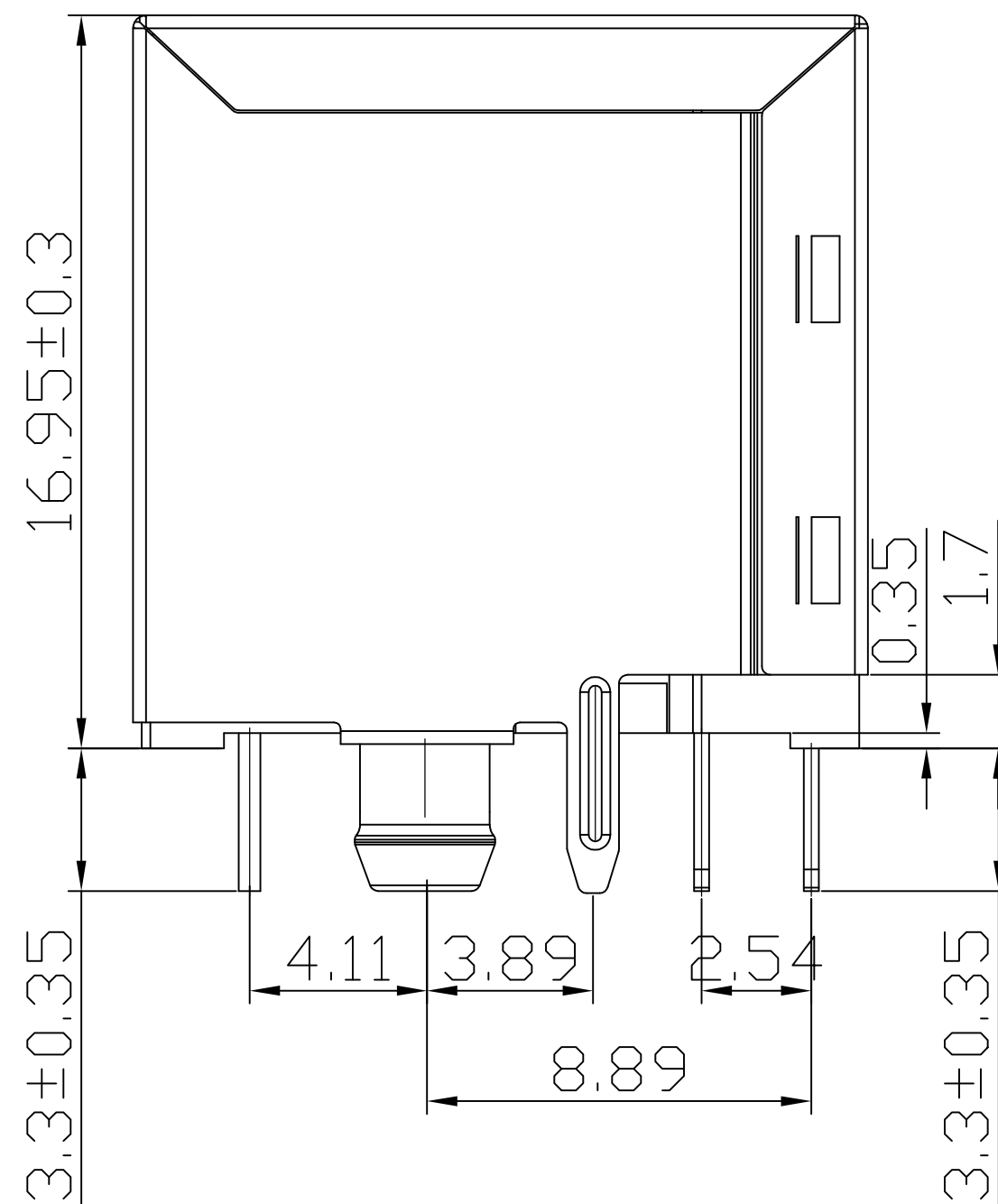
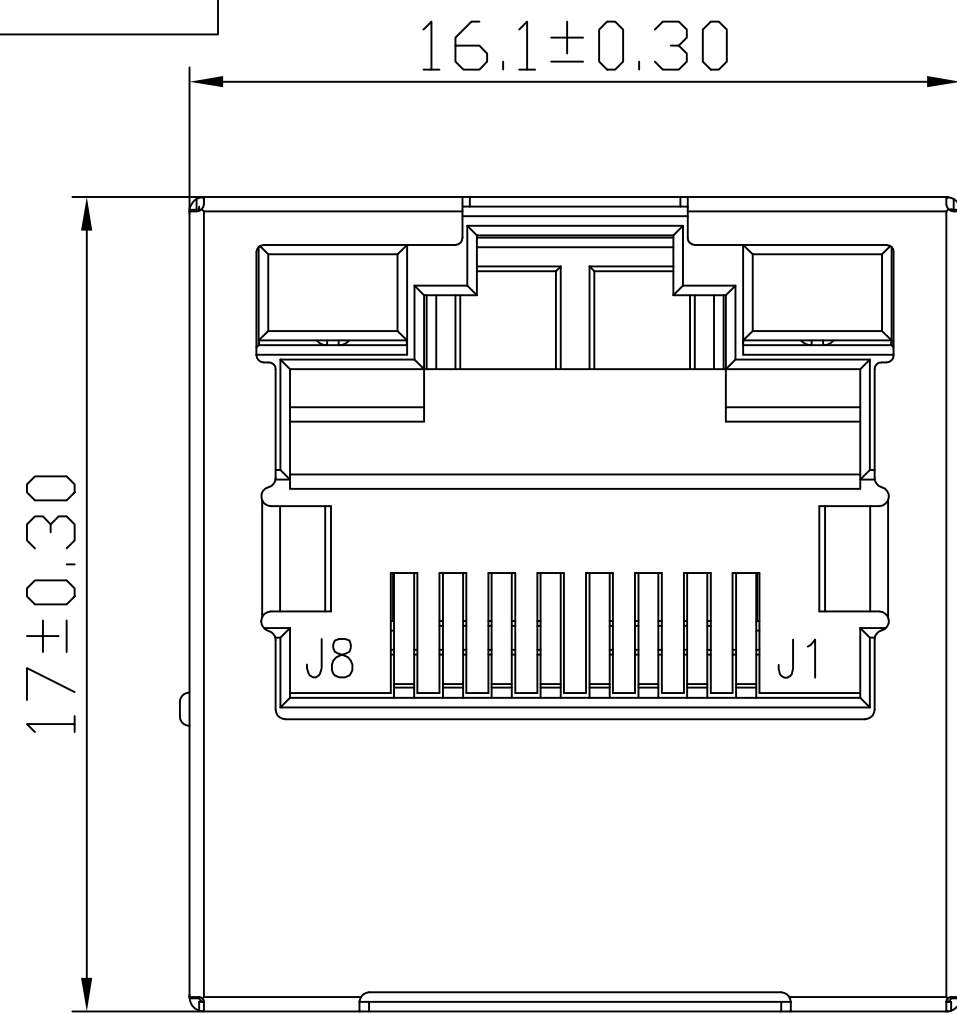


EMITTING COLOR	λ p(nm)	VF @IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max

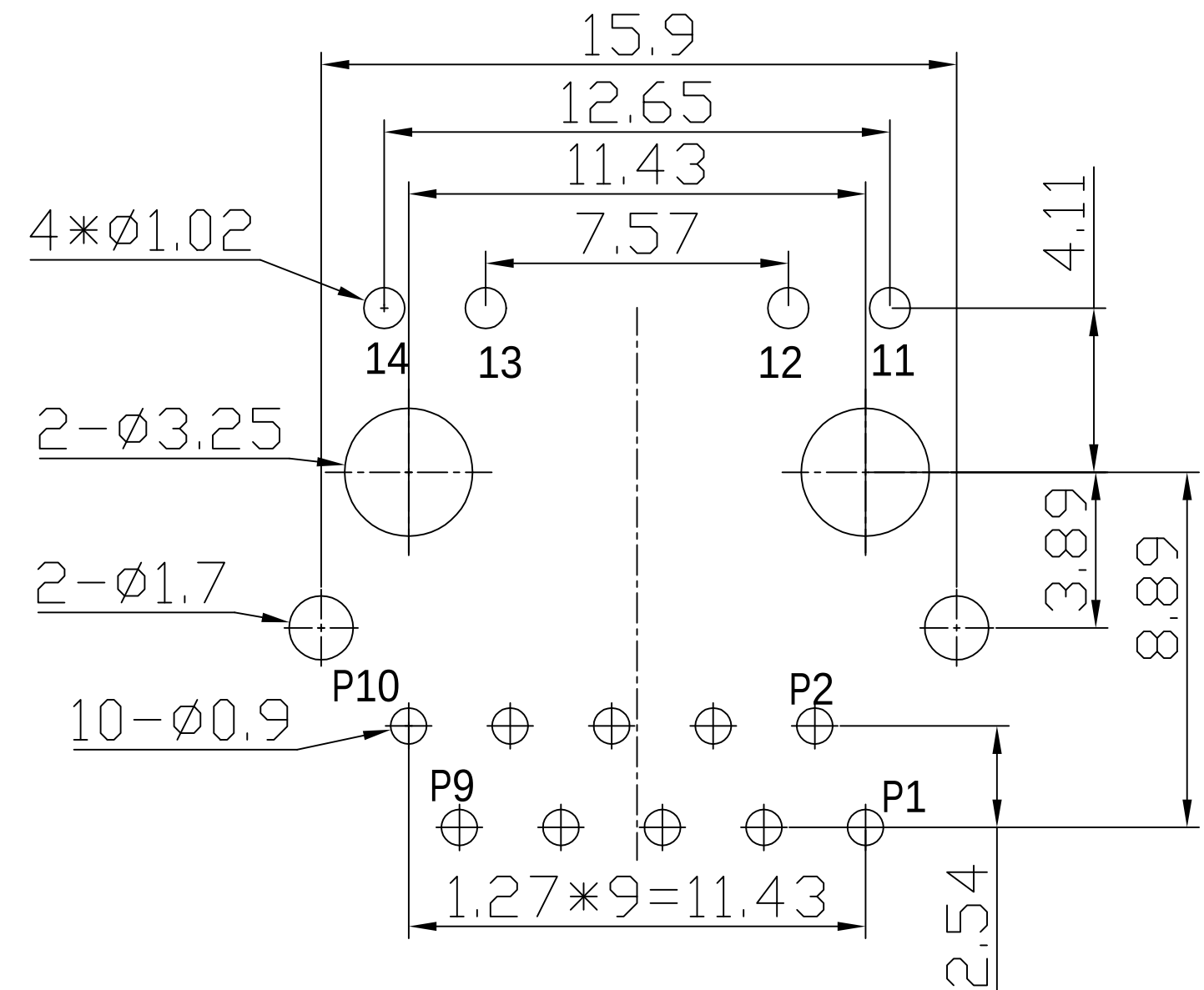
X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	±0.25	CHKD: JAMES	TITLE:	
X.XXX	±0.15	DR: LEO	VERTICAL RJ45 1X1 CONNECTOR WITH 1000 BASE-T INTEGRATED MAGNETICS & WITHOUT EMI SPRING FINGER & WITH LED	
ANGLES	±1°	UNIT: mm	PART NO.:	LPJD4622BENL
		SCALE: 2/1	SHEET: 1/2	REV: A
			DWG NO.:	LP18072611



Mechanical :



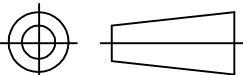
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2018-07-26	



NOTES:

RECOMMENDED PCB LAYOUT(TOP VIEW)

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE802.3 specification.
3. Connector Materials:
 - Housing: Thermoplastic PBT Black UL94V-0
 - Contact: Phosphor Bronze
 - Shield: Copper alloy
 - Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature and time: 250°C, 5 Sec.
5. UL Certification: File Number E484635.

X.X	± 0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X.XX	± 0.25	CHKD: JAMES	TITLE: VERTICAL RJ45 1X1 CONNECTOR WITH 1000 BASE-T INTEGRATED MAGNETICS & WITHOUT EMI SPRING FINGER & WITH LED		
X.XXX	± 0.15	DR: LEO			
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJD4622BENL		
		SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP18072611